

14202 U.S. PTO
022004

Docket No. 008516/DSM/BCVD/JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: Inventor(s): Khaled A. Elsheref, Alexandros T. Demos, and Hichem M'saad
Title: Characterizing an Electron Beam Treatment Apparatus

17374 U.S. PTO
10/784315
022004

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 29 pages.
☒ Drawings totaling 5 pages, Formal ☒ Informal.
☒ Executed Declaration and Power of Attorney.
☒ Assignment of the invention to Applied Materials, Inc.
☒ Assignment Recordation Cover Sheet
☒ Information Disclosure Statement

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	21	- 20 =	1	X \$ 18.00	\$ 018.00
Independent Claims	7	- 3 =	4	X \$ 86.00	\$ 344.00
Basic Filing Fee				\$770.00	\$ 770.00
TOTAL FEES					\$1,132.00

☒ The Commissioner is hereby authorized to charge \$ 1,132.00 to Deposit Account No. 50-1074.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.

☒ Please address all future correspondence to:
**PATENT COUNSEL, MS/2061
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. EV34110967745

Date of Deposit 2/20/04

Signature [Signature]

Respectfully submitted,

[Signature]
Robert W. Mulcahy
Registration No. 25,436